



THE TOE-NAILING OF TRUSSES TO BEARING WALLS IS A COMMON PRACTICE. OCCASIONALLY, MINOR SPLITTING OF THE BOTTOM CHORD LUMBER MAY OCCUR. THE DETAIL BELOW IS A GUIDELINE FOR ACCEPTABLE SPLITTING. IF SPLITS ARE LARGER THAN INDICATED, CONTACT MITEK FOR ASSISTANCE.

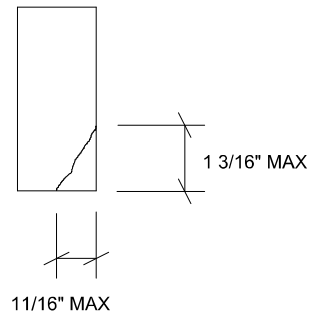
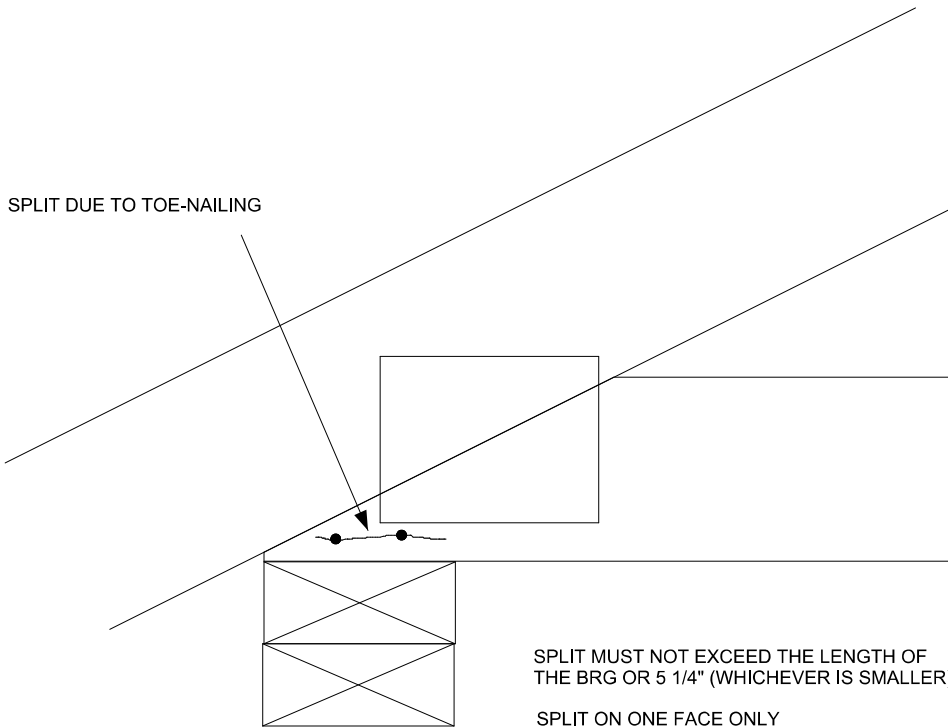
THE ANCHORAGE OF THE TRUSS TO THE WALL TO RESIST LATERAL AND OR UPLIFT FORCES IS THE RESPONSIBILITY OF THE PROJECT ENGINEER/ARCHITECT OR BUILDING DESIGNER AND IS NOT ADDRESSED BY THIS DETAIL.

CONNECTION FOR UPLIFT REACTIONS MUST BE PROVIDED BY OTHER MEANS.

THIS DETAIL ALSO APPLIES TO BEARINGS AT OTHER LOCATIONS ON THE TRUSS (I.E. INTERIOR BEARING LOCATIONS, TRUSSES WITH RAISED HEELS)

IT DOES NOT APPLY TO SPLITS IN MEMBERS RUNNING VERTICALLY.

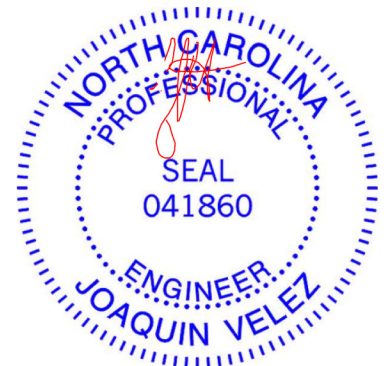
SPLIT DUE TO TOE-NAILING



SPLIT MUST NOT EXTEND UNDER CONNECTOR PLATE

	BOTTOM CHORD LUMBER			
	SP	SPF	HF	DF
MAX REACTION W/ 3 1/2" BRG	1500	1200	1150	1750
MAX REACTION W/ 5 1/2" BRG	2500	1900	1800	2700

REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES AND LUMBER GRADES



February 7, 2024

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)



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